



CR-2

Digital Retinal Camera

Setting the benchmark for the future.

Canon leads where others follow and we have continued to break new ground in eye care solutions. With our unique EOS camera technology, we consistently set new industrial standards in camera technology and sophisticated diagnostic high-end imaging. This enables us to continually push the boundaries of what is technically possible. We have built a success story on this formula; the CR-2 is the latest edition.



Canon EOS
camera technology



Stereo Mode



Non-Mydriatic



Mydriatic

Canon has been defining the future with innovative solutions for nearly 70 years. In all that time we've constantly strived to improve medical diagnostics in healthcare. Perhaps that's what made us a leading global provider of eye care solutions.



Canon Eco



Canon Quality



Canon Flexibility

Choose the eye care system of the future and let our local, authorized Canon dealer advise you:

Canon

English-NL Edition 0147W760
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Camera Canon EOS 5D Mark II | f/11 | 1/500 | ISO 800



Canon



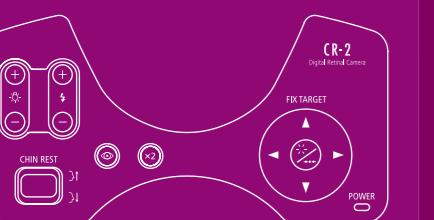
Discover new
perspectives.



CR-2 NON-MYDRIATIC
DIGITAL RETINAL CAMERA

We Speak Image

Less is more:
Less space.
More flexibility.



LED technology

- White LEDs to replace the strobe tube for the flash light
- Improved reliability and extended life-time
- LEDs for observation light
- Illuminated control panel
- Low power consumption

There are many non-mydriatic digital retinal cameras to choose from. The CR-2 digital retinal camera is made for those who strive for the best.

The new CR-2 non-mydriatic digital retinal camera marks the latest development in Canon's unparalleled success story. In 1976, Canon developed and manufactured the world's first non-mydriatic retinal camera – an innovation that set the standard for its time. From product generation to generation, Canon has continued to develop its cameras with the latest cutting-edge technology.

Following our corporate spirit with the desire to "improve what is already perfect", Canon has produced a new generation of fundus cameras by creating the CR-2. Its revolutionary compact and ergonomic design has yielded a small and light instrument that is exceptionally intuitive, safe and comfortable to operate. The illuminated control panel ensures hassle-free operation in darkened rooms and, weighing only 15 kg, the CR-2 is the flexible solution designed to meet all of your mobile needs as well.



NEW DESIGN

Compact and lightweight
305 W x 500 D x 473 H mm,
15.0 kg including digital camera 0.8 kg

Canon's CR-2 non-mydriatic digital retinal camera provides a new level of diagnostic capabilities; delivering and storing high-resolution images, allowing you to focus on the results.



Use of EOS camera technology

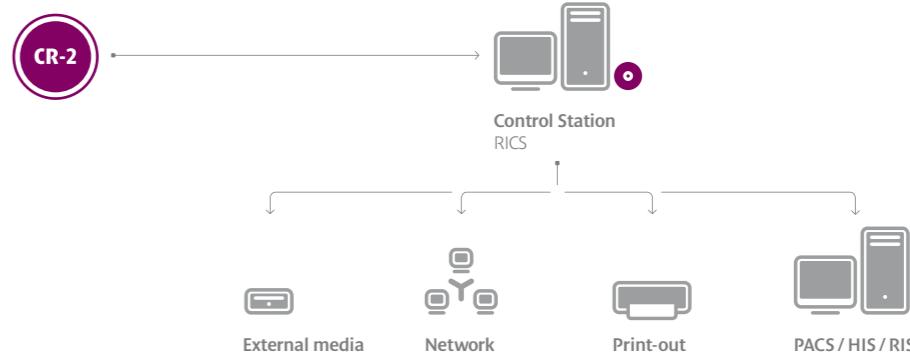
Canon's own EOS camera technology, with its renowned image processing capabilities, is adapted exclusively to create a unique digital camera dedicated to retinal imaging.

- Infrared observation
- Colour fundus photography
- Digital red-free and cobalt fundus photography
- Dedicated firmware
- 15.1 MegaPixel

Reduced maintenance Thanks to its electronic control system, there is less need to access the working parts of CR-2, thus providing better protection against dust. All light sources are exclusively based on LED technology, which means greater durability and reliability.

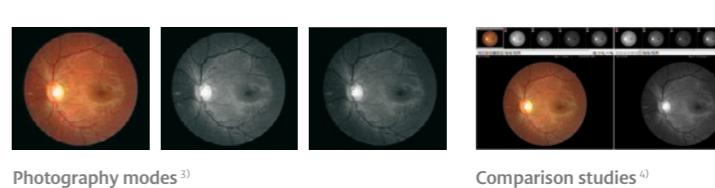
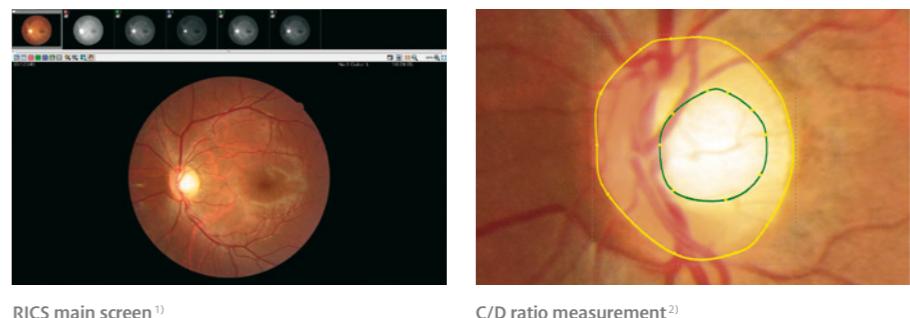
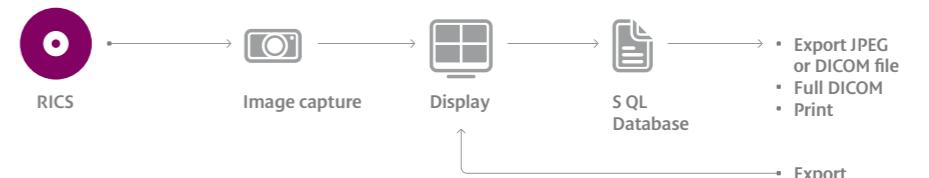


Configuration



Canon is constantly thinking ahead when it comes to software design and understands the importance of networkability and ease of integration. This has resulted in the development of new solutions that are designed to be flexible to suit the needs of the user and their image management systems. The software incorporated into the CR-2 allows it to be used as a stand-alone system or it can be easily integrated into an existing clinic network or DICOM-compliant network system.

RICS Retinal Imaging Control Software



Photography modes³⁾

Comparison studies⁴⁾

The latest version of Canon's extensive Retinal Image Control Software (RICS) supports Windows 7 and the export of data. Collecting, processing, archiving and referencing has been made much easier. RGB images or line drawings of current C/D ratio measurements can be stored easily as well as patient name, patient ID, accession number, right/left eye, photographic mode and date of examination.

¹⁾ High-quality retinal image capture, including comment input function.

²⁾ C/D ratio measurements by area or line.

³⁾ Digital filtered images for colour, red-free and cobalt photography and RGB images can now be stored.

⁴⁾ Diagnostic functions to compare studies from the same patient.

Specifications

Dimensions	305 W x 500 D x 473 H mm	ISO (Standard)	1600
Weight	15 kg (including digital camera 0.8 kg)	ISO (Low flash mode)	3200 / 6400
Angle of view	45°	Flash intensity setting	Auto exposure
Minimum pupil size	Ø 4.0 mm (SP mode Ø 3.3 mm)	Focus adjustment	Split lines
Magnification	X2 (digital)	Working distance	Working dots
Photography modes	Colour / D-RF / D-Cobalt	adjustment	
Anterior segment	Equipped	Observation lamp	LED IRED
photography		Photography lamp	LED White
Working distance	35 mm	Optional accessories	External Eye Fixation unit
Mounted camera	Dedicated digital camera unit using EOS camera technology		Chin rest paper: 500 sheets